

①② **EUROPEAN PATENT APPLICATION**

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**A 61 K 9/52**

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⑧④ Designated Contracting States: **AT BE CH DE FR GB IT LI LU NL SE**

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⑤④ **Durable controlled release microcapsules.**

⑤⑦ Impact-resistant microcapsules for the sustained and controlled release of biologically active ingredients through a surrounding permeable polymeric wall are disclosed wherein the ratio by weight of active ingredient to polymer is from about 4:1 to about 1:4, the polymeric walls having high tensile yield and tensile impact strengths and low nitrogen permeabilities.

**EP 0 141 584 A3**



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	FR-A-2 491 351 (STOLLE RESEARCH & DEVELOPMENT CORP.) * Whole document *	1-4, 8-10	B 01 J 13/02 A 01 N 25/28 A 61 K 9/52
A	US-A-4 089 800 (R.G. TEMPLE)  * Whole document *	1, 2, 3, 4, 5, 8-10	
A	US-A-4 353 962 (C.H. HIMEL)  * Whole document *	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 01 J A 01 N A 61 K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 08-03-1985	Examiner PYFFEROEN K.
<b>CATEGORY OF CITED DOCUMENTS</b>			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons  & : member of the same patent family, corresponding document	

